

**Table B-4.4 Permanent Reclamation Species List for Sagebrush-dominated Communities with Alkaline Soils. \***

Seed Mixture recommendation is based on 40 seeds/ft<sup>2</sup> at a 100% seed mix composition. If extreme conditions such as lack of topsoil, steep slopes, poor soils, etc. exist increase total mixture to 60 seeds/ft<sup>2</sup>.

Grasses - Common Name		Scientific Name	Lb/acre Seeding Rate based on 20% of composition. Adjust appropriately if more than 3 species are used.
<b>Choose a min. of 3 different grasses. Not to exceed 60% of entire composition.</b>			
<b>Bunchgrass Choose a minimum of 2 grass from this list</b>			
basin wildrye		<i>Leymus cinereus</i>	2.7
Indian Ricegrass		<i>Oryzopsis hymenoides</i> or <i>Achnatherum hymenoides</i>	2.5
Alkali Sacaton		<i>Sporobolus airoides</i>	0.2
Bluebunch Wheatgrass (all varieties)		<i>Pseudoroegneria spicata</i> ssp. <i>Spicata</i>	2.5
Bottlebrush Squirrealtail		<i>Elymus elymoides</i>	1.8
Sandberg bluegrass		<i>Poa secunda</i>	0.4
Canby bluegrass		<i>Poa canbyi</i>	0.4
<b>Rhizomatous Choose a minimum of 1 grass from this list</b>			
Slender wheatgrass		<i>Elymus trachycaulus</i> ssp. <i>Trachycaulus</i>	2.2
western wheatgrass (all varieties)		<i>Pascopyrum smithii</i>	3.2
streambank wheatgrass		<i>Elymus lanceolatus</i> ssp. <i>psammophilus</i>	2.2
Thickspike Wheatgrass (all varieties)		<i>Elymus lanceolatus</i> ssp. <i>lanceolatus</i>	2.2
			Lb/acre Seeding Rate based on 5% of seed mix composition. Adjust appropriately if more than 4 species are used.
Forbs - Common Names		Scientific Name	
<b>Choose a min. of 4 different forbs. Total forbs not to exceed 20% of entire composition; Any one species not to exceed 5% of composition.</b>			
Sego Lily		<i>Calochortus nuttallii</i>	2.1
Early Indian Paintbrush		<i>Castilleja chromosa</i> or <i>Castilleja applegatei</i> spp. <i>Martini</i>	0.02
Tapertip hawksbeard		<i>Crepis acuminata</i> Nutt	0.11

Wyeth buckwheat	<i>Eriogonum heracleoides</i>	0.7
Sulfur buckwheat	<i>Eriogonum umbellatum</i>	0.4
Lewis Blue Flax	<i>Linum lewisii</i>	0.3
Pale Evening-Primrose	<i>Oenothera pallida</i> Lindl. ssp. <i>pallida</i>	0.2
Woolly groundsel	<i>Packera cana</i>	0.15
Scarlet Globemallow	<i>Sphaeralcea coccinea</i>	0.17
Munro Globemallow	<i>Sphaeralcea munroana</i>	0.17
hollyleaf clover	<i>Trifolium gymnocarpon</i>	0.12
cows clover	<i>Trifolium wormskioldii</i>	0.12
carpet phlox	<i>Phlox hoodii</i>	0.36
longleaf phlox	<i>Phlox longifolia</i>	0.36
Tolmie's owl's-clover or yellow owl's-clover	<i>Orthocarpus luteus/Orthocarpus tolmiei</i>	0.02

**Lb/acre Seeding Rate  
based on 5% of  
composition. Adjust  
appropriately if more  
than 4 species are  
used.**

#### Shrubs-Common Name

#### Scientific Name

**Choose a minimum of 4 different species. Not to exceed 20% of entire composition. Any one species not to exceed 5% of composition. \*ALL MIXES WILL CONTAIN WYOMING BIG SAGE**

Winterfat	<i>Krascheninnikovia lanata</i>	0.7
Gardener's Saltbrush	<i>Atriplex gardneri</i>	0.8
Four-wing Saltbush	<i>Atriplex canescens</i>	1.7
<b>Wyoming big sagebrush *REQUIRED</b>	<i>Artemisia tridentata wyomingensis</i>	<b>1</b>
basin big sagebrush	<i>Artemisia tridentata</i> Nutt. ssp. <i>tridentata</i>	0.6
Low sage	<i>Artemisia arbuscula</i>	1.4
bud sagebrush	<i>Picrothamnus desertorum</i> or <i>Artemisia spinescens</i>	0.1
rabbitbrush	<i>Chrysothamnus nauseosus albicaulis</i> or <i>hololeucus</i>	0.12
Spiny hopsage	<i>Grayia spinosa</i>	0.52
granite prickly phlox	<i>Leptodactylon pungens</i>	0.7

\* This seed mix may be modified with approval from the BLM based on site-specific conditions, the identification of additional useful species for rapid site stabilization, species success in past revegetation efforts, and seed availability and cost. It is recommended that all seed be Wyoming Source.  
If broadcasting, double seeding rates